# Mountain Weather Forecast

## Peak District National Park

Forecast valid from 06:00 on Monday 22 May 2023 until 23:59 on Tuesday 23 May 2023

Forecast Issued on Monday 22 May 2023 at 02:38

**Confidence:** High for mostly settled conditions, lower for shower and cloud details.

**Headline for Monday 22 May 2023:** A sunny start, cloudier through the afternoon with one or two showers possible later on.

**Mountain weather hazards on Monday 22 May 2023**

| | | |
|---|---|---|
| **Blizzards**<br>No Likelihood | **Heavy persistent snow**<br>No Likelihood | **Storm force winds**<br>No Likelihood |
| **Gales**<br>No Likelihood | **Severe chill effect**<br>No Likelihood | **Poor visibility**<br>No Likelihood |
| **Thunderstorms**<br>No Likelihood | **Heavy persistent rain**<br>No Likelihood | **Strong sunlight**<br>High Likelihood |

| **Weather and chance of precipitation at 600m** | | | | | |
|---|---|---|---|---|---|
| Time | | | | | |
| 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | |
| Sunny | Sunny | Sunny intervals | Sunny intervals | Sunny intervals | Partly cloudy (night) |
| Precipitation probability | | | | | |
| <05% | <05% | <05% | 20% | 30% | 10% |

**Forecast for Monday 22 May 2023**

**Weather:** Monday will be a fine day with a sunny start. Some cloud is likely to bubble up with some plates of cloud drifting across the Park for the afternoon. Isolated light showers are a small possibility. A few sunny spells as cloud thins and clears into the evening.

**Chance of cloud-free hill tops above 600m:** 90% or more.

**Low cloud and visibility:** After a sunny morning some afternoon cloud is probable with bases likely to remain above summits. Visibility generally very good to excellent, perhaps dipping briefly in any afternoon showers. A chilly breeze blowing across summits from the north or northwest.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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# Mountain Weather Forecast

**Forecast for Monday 22 May 2023**

| Height (m) | Wind Speed mean/gusts (mph) Wind Direction (blowing from) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 10/16 NE | 12/16 NW | 10/15 N | 10/15 N | 11/18 N | 12/18 NE | 10/15 NE |
| **300** | 5/7 SW | 9/13 NW | 9/15 NW | 10/16 NW | 9/17 N | 10/18 NE | 6/10 N |
| **Valley** | 1/9 N | 7/13 NW | 8/14 NW | 8/16 NW | 8/17 N | 10/21 NE | 4/9 N |

| Height (m) | Temperature / Feels Like (°C) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 10/7 | 12/10 | 14/12 | 14/12 | 11/9 | 8/5 | 7/5 |
| **300** | 11/10 | 14/12 | 17/15 | 16/14 | 14/13 | 11/9 | 9/8 |
| **Valley** | 11/11 | 16/14 | 18/16 | 17/16 | 15/14 | 12/10 | 9/8 |
| **Freezing Level*** | 1800m | 2000m | 2200m | 2400m | 2300m | 2100m | 1800m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

High levels of UV are forecast, so carrying extra sun protection is essential.

**Recent rainfall:** measured at Cat & Fiddle: altitude 511m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 02:00 on Mon 22 May 2023 | 0mm | 0.2mm | 4.2mm |

**Forecast for Tuesday 23 May 2023**

**Weather:** Cloudy overnight and to start the morning, before breaking to give plenty of sunny spells. More prolonged spells of sunshine through the afternoon and evening.

**Maximum wind:** Northwesterly 8-12 mph, gusting up to 20 mph.

**Chance of cloud-free hill tops above 600m:** 90%.

**Low cloud and visibility:** Cloud though the morning should stay above the summits. Very good or excellent visibilities expected.

**Temperature:** **Valleys:** Plus 8 Celsius, rising to Plus 17 Celsius.
**At 600m:** Plus 7 Celsius, rising to Plus 13 Celsius.
**Freezing level:** Above summits.

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